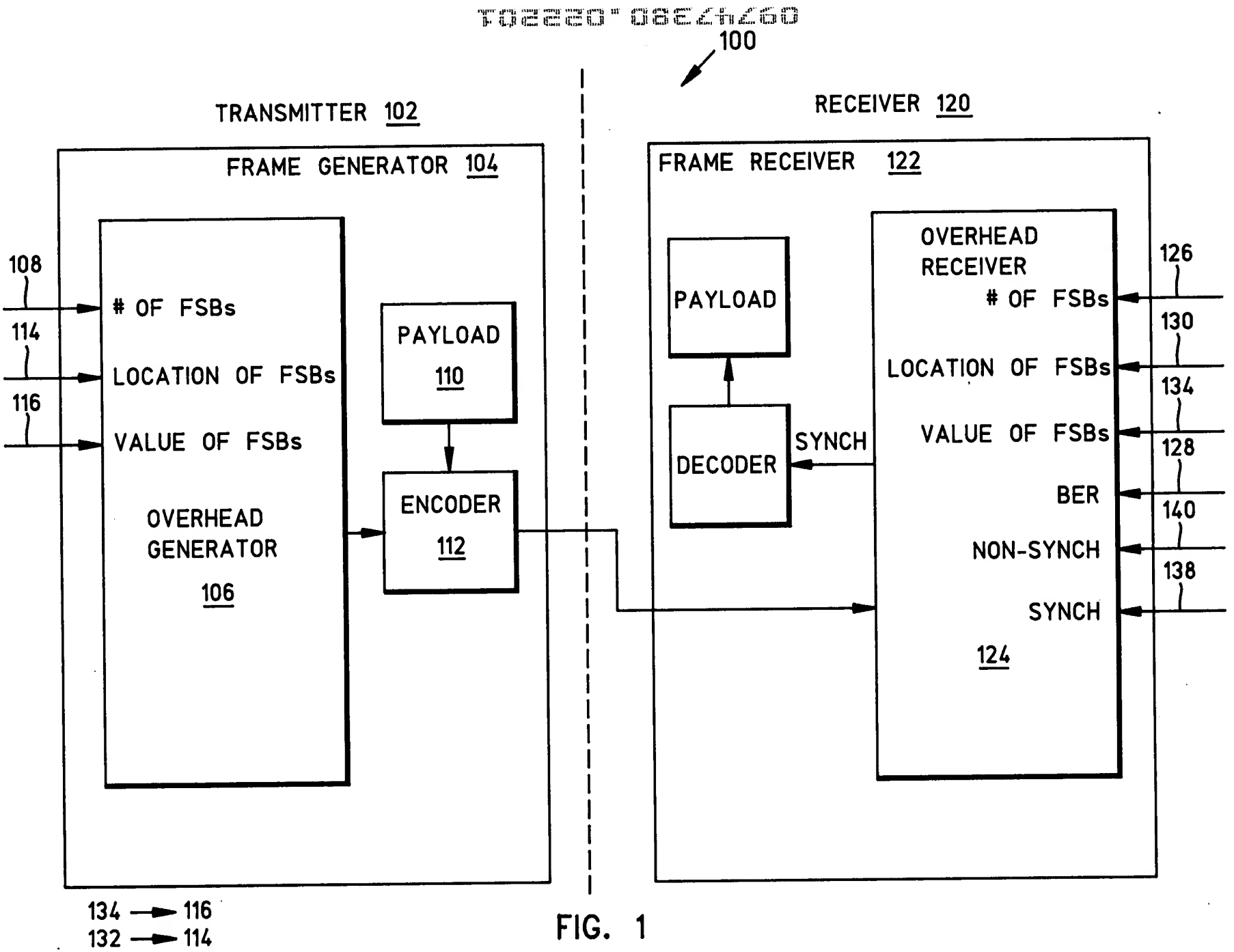
100
TRANSMITTER 102
RECEIVER 120
FRAME GENERATOR 104
FRAME RECEIVER 122
108
OF FSBs
114
LOCATION OF FSBs
116
VALUE OF FSBs
OVERHEAD GENERATOR 106
PAYLOAD 110
ENCODER 112
PAYLOAD
DECODER
SYNCH
OVERHEAD RECEIVER
OF FSBs
LOCATION OF FSBs
VALUE OF FSBs
BER
NON-SYNCH
SYNCH
124
126
130
134
128
140
138
134 → 116
132 → 114

FIG. 1

#3

T02220 "082480

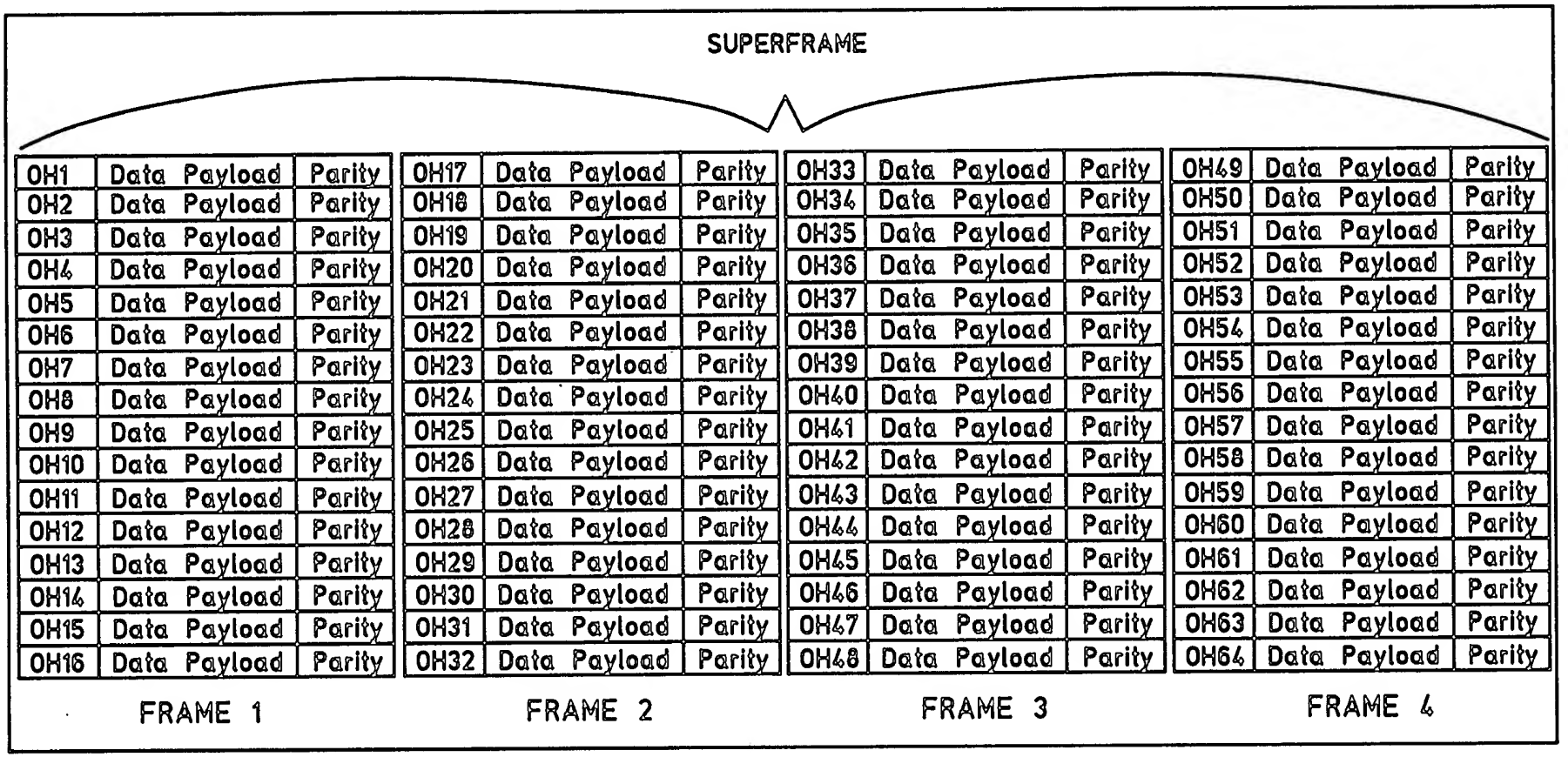

FIG. 2

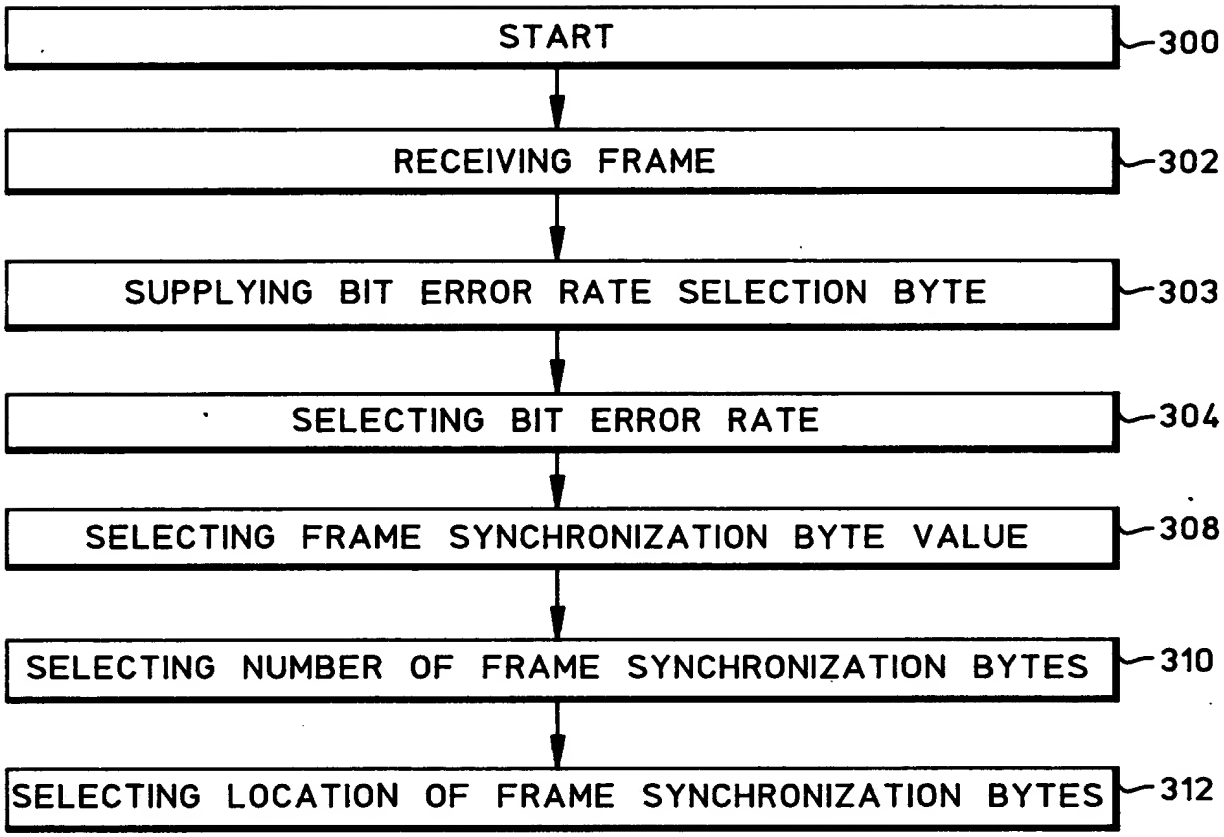
START
300
RECEIVING FRAME
302
SUPPLYING BIT ERROR RATE SELECTION BYTE
303
SELECTING BIT ERROR RATE
304
SELECTING FRAME SYNCHRONIZATION BYTE VALUE
308
SELECTING NUMBER OF FRAME SYNCHRONIZATION BYTES
310
SELECTING LOCATION OF FRAME SYNCHRONIZATION BYTES
312

FIG. 3

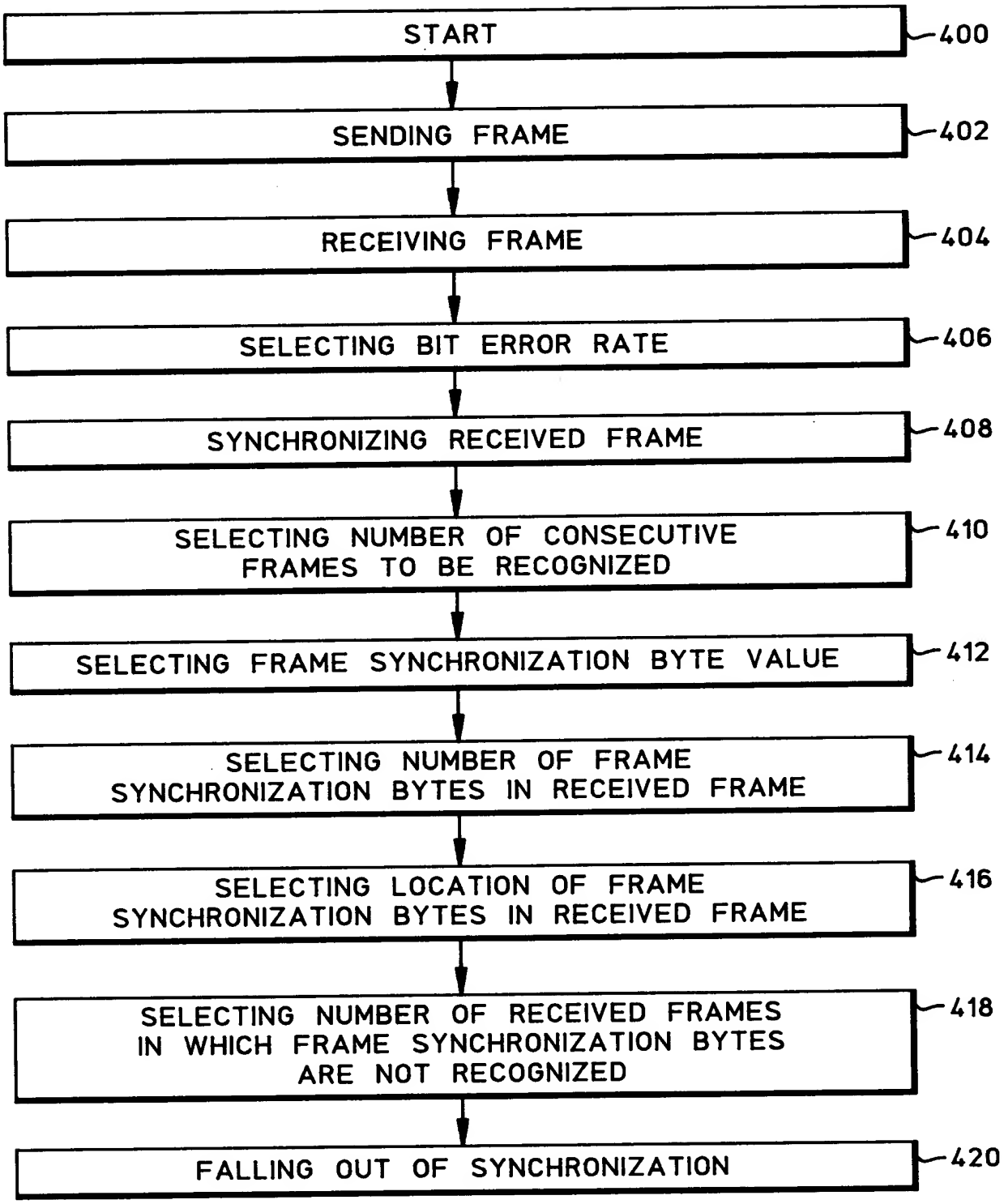
START
400
SENDING FRAME
402
RECEIVING FRAME
404
SELECTING BIT ERROR RATE
406
SYNCHRONIZING RECEIVED FRAME
408
SELECTING NUMBER OF CONSECUTIVE FRAMES TO BE RECOGNIZED
410
SELECTING FRAME SYNCHRONIZATION BYTE VALUE
412
SELECTING NUMBER OF FRAME SYNCHRONIZATION BYTES IN RECEIVED FRAME
414
SELECTING LOCATION OF FRAME SYNCHRONIZATION BYTES IN RECEIVED FRAME
416
SELECTING NUMBER OF RECEIVED FRAMES IN WHICH FRAME SYNCHRONIZATION BYTES ARE NOT RECOGNIZED
418
FALLING OUT OF SYNCHRONIZATION
420

FIG. 4

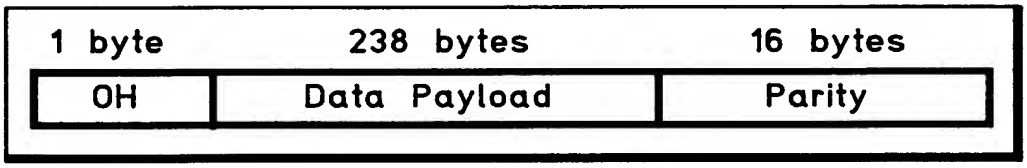
1 byte
238 bytes
16 bytes
OH
Data Payload
Parity

FIG. 5

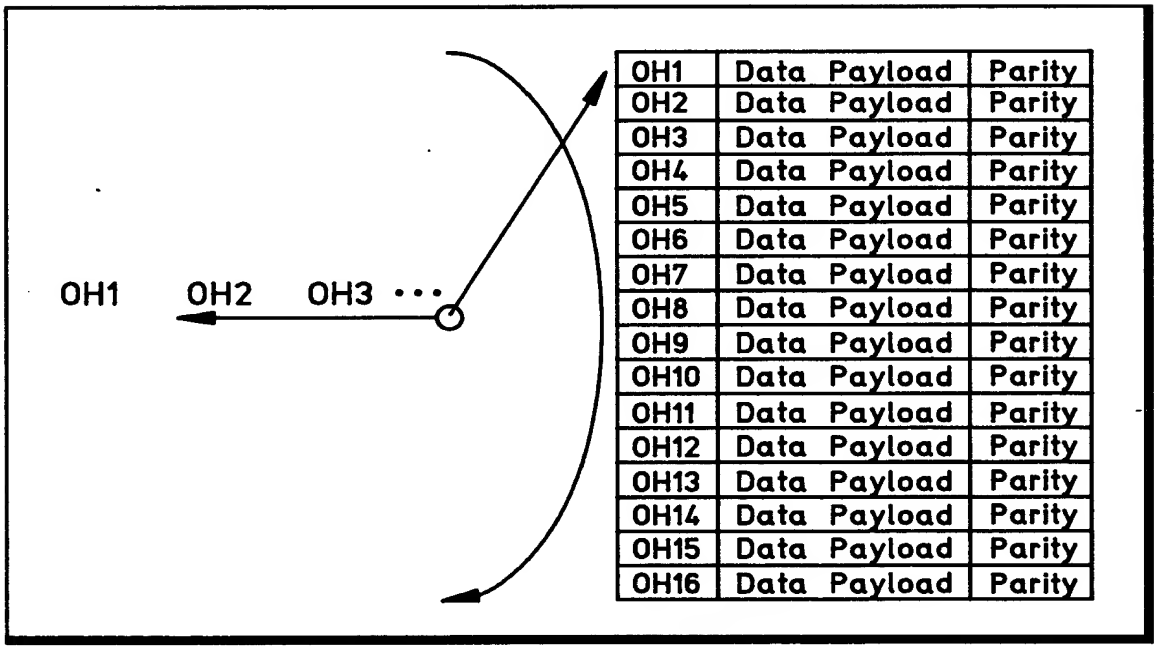
OH1
OH2
OH3 • • •
OH1 Data Payload Parity
OH2 Data Payload Parity
OH3 Data Payload Parity
OH4 Data Payload Parity
OH5 Data Payload Parity
OH6 Data Payload Parity
OH7 Data Payload Parity
OH8 Data Payload Parity
OH9 Data Payload Parity
OH10 Data Payload Parity
OH11 Data Payload Parity
OH12 Data Payload Parity
OH13 Data Payload Parity
OH14 Data Payload Parity
OH15 Data Payload Parity
OH16 Data Payload Parity

FIG. 6